Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

								Estimate Cost	700.00 lakhs
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)								
	Approved Rate	235.00							
	Area Weightage 10%	23.50							
	Total	258.50							
		Sqm							
	Vikas Layout								
	Right Side Roads								
	3rd Cross rd	2	79.00	0.75		118.50			
	4th Cross rd	2	79.00	0.75		118.50			
	Main Road	2	58.00	0.90		104.40			
	Left Side Roads								
	2nd Main Road	2	66.00	0.90		118.80			
	Sri Srinivasa Nilaya House Rd	1	111.00	0.90		99.90			
	1st Main Road	1	73.00	0.90		65.70			
						625.80			
	Consider 60%					375.48			
	Deduct 45% Missing/Damaged Slab					168.97			
						206.51	Sqm	258.50	53,383.87
2	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thicknessBy Mechanical Means using Motor Grader A In area of thorny jungle (V-III.I.No 2.6iB,Page No-7 PWD SR 2021-22)								
	Basic Rate	146154.00	✓						
	Area Weightage 10%	14615.40							
	Total Rate	160769.40							
	Beside Yelahanka Lake	1	500.00	2.00		1000.00			
						0.10	Ha	160769.40	16,076.94
3	Cutting of Trees, excluding removal of stumps and roots of trees Girth from 300 mm to 600 mm(V-III.I.No 2.1 A i,Page No-7 PWD SR 2021-22)								
	Basic Rate	469.00	✓						
	Area Weightage 10%	46.90							
	Total Rate	515.90							
	Beside Yelahanka Lake	20				20.00			
						20.00	Each	515.90	10,318.00

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
4	Cutting of Trees, excluding removal of stumps and roots of trees Girth from 600 mm to 900 mm(V-III.I.No 2.1 A ii,Page No-7 PWD SR 2021-22)								
	Basic Rate	**749.00**	✓						
	Area Weightage 10%	74.90							
	Total Rate	**823.90**							
	Beside Yelahanka Lake	15				15.00			
						15.00	**Each**	**823.90**	**12,358.50**
5	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)								
	Basic Rate	186.00	✓						
	Loading And Unloading	118.00							
		304.00							
	Area Weightage 10%	30.40							
	Total Rate	**334.40**							
	RCC Drain Desilt								
	Vikas Layout								
	Right Side Roads								
	3rd Cross rd	2	79.00	0.45	0.60	42.66			
	4th Cross rd	2	79.00	0.45	0.55	39.11			
	Main Road	2	58.00	0.60	0.50	34.80			
	Left Side Roads								
	2nd Main Road	2	66.00	0.60	0.55	43.56			
	3rd Cross rd	1	111.00	0.60	0.60	39.96			
	1st Main Road	1	73.00	0.60	0.55	24.09			
	RCC Drain								
	Samudhaya Bhavana	2	80.00	1.10	1.10	193.60			
	Surrounding Area	1	85.00	1.10	1.00	93.50			
		1	38.50	1.10	1.00	42.35			
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00	1.00	1.00	134.00			
	Main Road	2	66.00	1.10	1.20	174.24			
	Left Side Roads								
	Srinivasa Nlaya House Rd	1	66.00	1.10	1.00	72.60			
	3rd Cross rd	1	111.00	1.10	1.00	122.10			
	1st Main Road	1	73.00	1.10	1.05	84.32			
	For Compond Wall								
	Footing Every 4.00m								
	South Side 88.00m	22	1.65	1.65	1.50	89.84			
	West Side 66.00m	16	1.65	1.65	1.50	65.34			
	North Side 80.00m	20	1.65	1.65	1.50	81.68			
	East Side 72.00m	18	1.65	1.65	1.50	73.51			
		18	1.65	1.65	1.50	73.51			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For SSM Foundation								
	South Side	1	88.00	1.20	0.60	63.36			
	West Side	1	66.00	1.20	0.60	47.52			
	North Side	1	80.00	1.20	0.60	57.60			
	East Side	1	72.00	1.20	0.60	51.84			
	Deduct Coloumn	-76	0.23	0.35	0.60	-3.67			
	Culvert	1	5.00	1.50	1.00	7.50			
	RCC Culverts								
	Garadi mane Surrounding								
	1st Main Road	7	4.30	1.50	1.00	45.15			
	2nd Main Rd	7	4.50	1.50	1.00	47.25			
	4th Main Rd	4	6.30	1.50	1.10	41.58			
	4th Main Rd Dead End	1	15.00	1.50	1.00	22.50			
	Vikas Layout	6	7.00	1.50	1.10	69.30			
	Debris	1	40.00	32.00	0.30	384.00			
						2358.68	**Cum**	**334.40**	**788743.16**
6	Providing And Filling In Foundation **With Granite/Trap Broken Metal 100mm** And Down Size With Approved Sand Including Hand Packing, Ramming, Watering,Including Cost Of All Materials And Labour With All Lead And Lift Complete As Per Specification No (PWD SR 2021-22) Vol-2 CORRIGENDA Item No 6.4)								
	Basic Rate	**2561.00**							
	Area Weightage 10%	256.10							
	Total Rate	**2817.10**							
	RCC Drain								
	Beside Yelahanka Lake	1	500.00	1.80	0.20	180.00			
						180.00	**Cum**	**2817.10**	**507078.00**
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 40 mm** nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22) issue rates dated 07-07-2022								
	Basic Rate	**5554.00**							
	Area Weightage 10%	555.40							
	Total Rate	**6109.40**							
	RCC Drain								
	Samudhaya Bhavana	2	80.00	1.10	0.15	26.40			
	Surrounding Area	1	85.00	1.10	0.15	14.03			
		1	38.50	1.10	0.15	6.35			
	Beside Yelahanka Lake	1	500.00	1.80	0.15	135.00			
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00	1.00	0.15	20.10			
	Main Road	2	66.00	1.10	0.15	21.78			
	Left Side Roads								
	Srinivasa Nlaya House Rd	1	66.00	1.10	0.15	10.89			
	3rd Cross rd	1	111.00	1.10	0.15	18.32			
	1st Main Road	1	73.00	1.10	0.15	12.05			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For Compond Wall								
	Footing Every 4.00m								
	South Side 88.00m	22	1.65	1.65	0.15	8.98			
	West Side 66.00m	16	1.65	1.65	0.15	6.53			
	North Side 80.00m	20	1.65	1.65	0.15	8.17			
	East Side 72.00m	18	1.65	1.65	0.15	7.35			
		18	1.65	1.65	0.15	7.35			
	For SSM Foundation								
	South Side	1	88.00	1.20	0.15	15.84			
	West Side	1	66.00	1.20	0.15	11.88			
	North Side	1	80.00	1.20	0.15	14.40			
	East Side	1	72.00	1.20	0.15	12.96			
		1	72.00	1.20	0.15	12.96			
	Deduct Coloumn	-76	0.23	0.35	0.15	-0.92			
	Culvert	1	5.00	1.50	0.15	1.13			
	RCC Culverts								
	Garadi mane Surrounding								
	1st Main Road	7	4.30	1.50	0.15	6.77			
	2nd Main Rd	7	4.50	1.50	0.15	7.09			
	4th Main Rd	4	6.30	1.50	0.15	5.67			
	4th Main Rd Dead End	1	15.00	1.50	0.15	3.38			
	Vikas Layout	6	7.00	1.50	0.15	9.45			
	Garadi mane Stick Practice Area								
	Footing	4	3.20	3.20	0.15	6.14			
	For SSm Foundation								
	Stick Practice Area	2	6.00	1.00	0.15	1.80			
		1	9.10	1.00	0.15	1.37			
	Ambedkar Samudya Bhavana								
	Sump	1	4.50	4.50	0.15	3.04			
	Footing	12	2.60	2.60	0.15	12.17			
	For SSM Foundation	2	14.40	1.20	0.15	5.18			
		2	13.15	1.20	0.15	4.73			
	Flooring	1	14.00	12.75	0.15	26.78			
	For Compound Wall North side	1	16.80	1.00	0.15	2.52			
	West side	1	14.95	1.00	0.15	2.24			
	East Side	1	14.95	1.00	0.15	2.24			
	Out Side Flooring North side	1	0.90	16.40	0.15	2.21			
	South Side	1	0.90	16.40	0.15	2.21			
	East Side	1	1.50	13.15	0.15	2.96			
						479.50	**Cum**	**6109.40**	**2929434.70**
8	Supplying, **Fitting and Placing un-coated TMT bar** Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22) issue rates dated								
	Basic Rate	**92170.00**							
	Area Weightage 10%	9217.00							
	Total Rate	**101387.00**							
	For RCC Drain, 60kg/Cum	1	254.90	60.00		15294.15			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For RCC Culvert, 90kg/Cum	1	70.89	90.00		6380.41			
	For Compound Wall, 90kg/Cum	1	171.28	90.00		15415.36			
						81.06	Tn	101387.00	8218294.72
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M20 Design Mix Using 20 mm nominal** size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22) issue rates dated 07-07-2022 And Rates On Corrigendum -3								
	Basic Rate	5968.00							
	35% for Centring	2088.80							
		8056.80							
	Area Weightage 10%	805.68							
	Total Rate	8862.48							
	Rcc Drain Raft								
	Samudhaya Bhavana	2	80.00	0.90	0.15	21.60			
	Surrounding Area	1	85.00	0.90	0.15	11.48			
		1	38.50	0.90	0.15	5.20			
	Beside Yelahanka Lake	1	500.00	1.80	0.20	180.00			
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00	0.75	0.15	15.08			
	Main Road	2	66.00	0.90	0.15	17.82			
	Left Side Roads								
	Srinivasa Nlaya House Rd	1	66.00	0.90	0.15	8.91			
	3rd Cross rd	1	111.00	0.90	0.15	14.99			
	1st Main Road	1	73.00	0.90	0.15	9.86			
	Rcc Drain Wall								
	Samudhaya Bhavana	4	80.00	0.15	0.70	33.60			
	Surrounding Area	2	85.00	0.15	0.65	16.58			
		2	38.50	0.15	0.60	6.93			
	Beside Yelahanka Lake LHS Wal	1	500.00	0.23	1.25	143.75			
	Beside Yelahanka Lake RHS Wal	1	500.00	0.30	1.30	195.00			
	Top Retaining Wall	1	500.00	0.15	0.90	67.50			
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	4	67.00	0.15	0.60	24.12			
	Main Road	4	66.00	0.15	0.60	23.76			
	Left Side Roads								
	Srinivasa Nlaya House Rd	2	66.00	0.15	0.60	11.88			
	3rd Cross rd	2	111.00	0.15	0.60	19.98			
	1st Main Road	2	73.00	0.15	0.60	13.14			
						841.15			
	RCC Culverts Raft								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Garadi mane Surrounding								
	1st Main Road	7	4.30	1.20	0.20	7.22			
	2nd Main Rd	7	4.50	1.20	0.20	7.56			
	4th Main Rd	4	6.30	1.20	0.20	6.05			
	4th Main Rd Dead End	1	15.00	1.20	0.20	3.60			
	Vikas Layout	6	7.00	1.20	0.20	10.08			
	RCC Culverts Wall								
	Garadi mane Surrounding								
	1st Main Road	14	4.30	0.23	0.55	7.62			
	2nd Main Rd	14	4.50	0.23	0.55	7.97			
	4th Main Rd	8	6.30	0.23	0.55	6.38			
	4th Main Rd Dead End	2	15.00	0.23	0.55	3.80			
	Vikas Layout	12	7.00	0.23	0.55	10.63			
						70.89			
						912.05	**Cum**	**8862.48**	**8082988.55**
10	Providing and laying in position **Reinforced cement concrete** for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)								
	Basic Rate	5968.00							
	Shuttering 5%	298.40							
		6266.40							
	AW10%	626.64							
	Total	**6893.04**							
	For Compond Wall								
	Footing Every 4.00m								
	South Side 88.00m	22.00	1.65	1.65	0.45	26.95			
	West Side 66.00m	16.00	1.65	1.65	0.45	19.60			
	North Side 80.00m	20.00	1.65	1.65	0.45	24.50			
	East Side 72.00m	18.00	1.65	1.65	0.45	22.05			
		18.00	1.65	1.65	0.45	22.05			
	Coloumn Every 4.00m Upto plinth								
	South Side 88.00m	22.00	0.23	0.35	0.90	1.59			
	West Side 66.00m	16.00	0.23	0.35	0.90	1.16			
	North Side 80.00m	20.00	0.23	0.35	0.90	1.45			
	East Side 72.00m	18.00	0.23	0.35	0.90	1.30			
		18.00	0.23	0.35	0.90	1.30			
	Plinth Beam								
	South Side	1	88.00	0.23	0.35	7.08			
	West Side	1	66.00	0.23	0.35	5.31			
	North Side	1	80.00	0.23	0.35	6.44			
	East Side	1	72.00	0.23	0.35	5.80			
		1	72.00	0.23	0.35	5.80			
	Coloumn Every 4.00m Above plinth								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	South Side 88.00m	22.00	0.23	0.35	2.10	3.72			
	West Side 66.00m	16.00	0.23	0.35	2.10	2.70			
	North Side 80.00m	20.00	0.23	0.35	2.10	3.38			
	East Side 72.00m	18.00	0.23	0.35	2.10	3.04			
		18.00	0.23	0.35	2.10	3.04			
	Culvert Raft	1	5.00	1.20	0.23	1.38			
	Culvert Wall	2	5.00	0.23	0.70	1.61			
						171.28	**Cum**	**6893.04**	**1180651.95**
11	Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications.(V-III, No-13.3, P.No-99 of PWD SR 2021-22)								
	Basic rate	**172.00**							
	Area Weightage 10%	**17.20**							
	Total	**189.20**							
	Beside Yelahanka Lake	1	60.00			60.00			
						60.00	**M**	**189.20**	**11,352.00**
12	Providing and laying of Filter media with granular materials/ stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.(V-III, No-13.7, P.No-99 of PWD SR 2021-22)								
	Basic rate	**1105.00**							
	Area Weightage 10%	**110.50**							
	Total	**1215.50**							
	Beside Yelahanka Lake	1	60.00	0.30	0.30	5.40			
						5.40	**Cum**	**1215.50**	**6,563.70**
13	Providing and fixing **precast reinforced cement concrete covering slabs of 10Cm thick** made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work								
	Data Rate	**2072.00**							
	Precast Slab								
	Samudhaya Bhavana	2	80.00	0.90		144.00			
	Surrounding Area	1	85.00	0.90		76.50			
		1	38.50	0.90		34.65			
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00	0.75		100.50			
	Main Road	2	66.00	0.90		118.80			
	Left Side Roads								
	Srinivasa Nlaya House Rd	1	66.00	0.90		59.40			
	3rd Cross rd	1	111.00	0.90		99.90			
	1st Main Road	1	73.00	0.90		65.70			
	Add Missing/Damaged Slab					168.97			
						868.42	**Sqm**	**2072.00**	**1799357.95**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
14	Providing and fixing **precast reinforced cement concrete covering slabs of 15Cm thick** made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work								
	Data Rate	**2562.00**							
	Precast Slab								
	Beside Yelahanka Lake	1	500.00	1.50		750.00			
						750.00	**Sqm**	**2562.00**	**1921500.00**
15	Providing and fixing **RCC precast cover slab of 230mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data Rate	**5037.00**							
	RCC Culverts								
	Garadi mane Surrounding								
	1st Main Road	7	4.30	1.20		36.12			
	2nd Main Rd	7	4.50	1.20		37.80			
	4th Main Rd	4	6.30	1.20		30.24			
	4th Main Rd Dead End	1	15.00	1.20		18.00			
	Vikas Layout	6	7.00	1.20		50.40			
		1	5.00	1.20		6.00			
						178.56	**Sqm**	**5037.00**	**899406.72**
16	Providing and fixing **G.I. chain link** fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia 4 mm) (V-II, No-11.58, P.No-95 of PWD SR 2021-22).								
	Beside Yelahanka Lake								
	For Chainlink Fencing	1	500.00		1.50	750.00			
						750.00	**Sqm**	**743.60**	**557700.00**
	Basic Rate Rs.=	676.00							
	Add 10% A.W Rs. =	67.60							
	Total Rate Rs. =	**743.60**							
17	Providing and fixing **G.I. chain link** fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade) (V-II, I.No 11.59 Page No 95, PWD SR 2021-22)								
	Basic Rate	715.00							
	AW10%	71.50							
	Total	786.50							
	For Compound Wall								
	South Side	1	88.00		0.75	66.00			
	West Side	1	66.00		0.75	49.50			
	North Side	1	80.00		0.75	60.00			
	East Side	1	72.00		0.75	54.00			
	Deduct Entrance Gate	-1	5.00		0.75	-3.75			
						225.75	**Sqm**	**786.50**	**177552.38**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
18	Providing and fixing **Structural Steel work** in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (V-II, No-11.1, P.No-75 of PWD SR 2021-22). .issue rates dated 07-07-2022								
	Ambedkar Samudya Bhavana								
		1	5.00		2.40	12.00			
	For Gate					**660.00**			
	Consider 55kg/Sqm								
	For Chainlink Fencing								
	Verticle Pipe 65X65X6mm								
	12.24Kg/m								
	Total Nos =76		76.00	1.00		76.00			
						930.24			
	40mm Horizontal Pipe								
	3.61Kg/Mtr								
	South Side	1	88.00			88.00			
	West Side	1	66.00			66.00			
	North Side	1	80.00			80.00			
	East Side	1	72.00			72.00			
	Deduct Entrance Gate	-1	5.00			-5.00			
						301.00			
						1086.61			
	For Gate	1	5.00	4.00		4.00			
	40Kg/Sqm					**160.00**			
					Weight				
	For Fencing Angle	200	2.00		10.63	4252.00			
	For Fencing Pole	2	500.00		1.77	1770.00			
						6022.00			
						8698.85	**Kgs**	**112.20**	**976010.97**
	Basic Rate Rs.=	102.00	✓						
	Add 10% A.W Rs. =	10.20							
	Total Rate Rs. =	**112.20**							
19	Providing and laying in position **plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. **Mix 1:3:6 (M10) Using 20 mm** nominal size graded crushed coarse aggregates (V-I, No-2.1.4, P.No-15 of PWD SR 2021-22). issue rates dated 07-07-2022								
	Basic rate	**5728.00**	✓						
	Area Weightage 10%	**572.80**							
	Total	**6300.80**							
	For Below Kerb Stones								
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00	0.20	0.10	2.68			
	Main Road	2	66.00	0.20	0.10	2.64			
	Left Side Roads								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Srinivasa Nlaya House Rd	1	66.00	0.20	0.10	1.32			
	3rd Cross rd	1	111.00	0.20	0.10	2.22			
	1st Main Road	1	73.00	0.20	0.10	1.46			
						10.32	**Cum**	**6300.80**	**65,024.26**
20	Providing and fixing pre cast **solid cement concrete kerb stones** made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)								
	Approved rate	507.00							
	New Kerb Stopne								
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00			134.00			
	Main Road	2	66.00			132.00			
	Left Side Roads								
	Srinivasa Nlaya House Rd	1	66.00			66.00			
	3rd Cross rd	1	111.00			111.00			
	1st Main Road	1	73.00			73.00			
						516.00	M		
						1147.00	**Nos**	**507.00**	**581529.00**
21	**Painting two coats** after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, P.No.56, I.No 8.10 of PW, PWD SR 2021-22)								
	Basic Rate	85.00							
	Area Weightage 10%	8.50							
	Total Rate	93.50							
	Vikas Layout								
	Right Side Roads								
	2nd Main Rd	2	67.00		0.35	46.90			
	3rd Cross rd	2	79.00		0.35	55.30			
	4th Cross rd	2	79.00		0.35	55.30			
	Main Road	2	124.00		0.35	86.80			
	Left Side Roads								
	Srinivasa Nlaya House Rd	2	66.00		0.35	46.20			
	Cross Rd-1	1	66.00		0.35	23.10			
	3rd Cross rd	2	111.00		0.35	77.70			
	1st Main Road	2	73.00		0.35	51.10			
						442.40	**Sqm**	**93.50**	**41,364.40**
22	**Scarifying the existing bituminous road surface** to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead ((V-I, P.No-15, I No-3.5 of PWD SR 2021-22)								
	Basic Rate	4.00							
	Area Weightage 10%	0.40							
	Total Rate	4.40							
	Vikas Layout								
	Right Side Roads								
	2nd Cross rd	1	67.00	4.40		294.80			
	3rd Cross rd	1	79.00	4.50		355.50			
	4th Cross rd	1	79.00	4.40		347.60			
						997.90	**Sqm**	**4.40**	**4,390.76**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
23	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)								
	Basic Rate	**65.00**							
	Area Weightage 10%	6.50							
	Total Rate	**71.50**							
	RCC Drain								
	Beside Yelahanka Lake	1	500.00	1.90	1.80	1710.00			
	School Area	1	88.00	66.00	0.70	4065.60			
	Asphalt Road								
	Edge Correctin/ Damage Portion								
	Canadian International School F	1	275.00	1.50	0.25	103.13			
		1	421.00	3.20	0.25	336.80			
	Vikas Layout								
	Main Road	1	133.50	0.60	0.25	20.03			
	Left Side Roads								
	2nd Main Road	1	66.00	0.50	0.25	8.25			
	Srinivasa Nlaya House Rd	1	66.00	0.60	0.25	9.90			
	3rd Cross rd	1	111.00	0.70	0.25	19.43			
	1st Main Road	1	73.00	0.50	0.25	9.13			
	Pipe Cut Portion								
	Vikas Layout								
	Main Road	1	133.50	0.70	0.25	23.36			
	Left Side Roads								
	2nd Cross rd	1	66.00	0.70	0.25	11.55			
	3rd Cross rd	1	66.00	0.70	0.25	11.55			
	4th Cross rd	1	111.00	0.70	0.25	19.43			
	Nirman Krishna Apartment Rd	1	73.00	0.70	0.25	12.78			
						6360.91	**Cum**	**71.50**	**454805.24**
24	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)								
	Basic Rate	**2347.00**							
	Area Weightage 10%	234.70							
	Total Rate	**2581.70**							
	Asphalt Road								
	Edge Correctin/ Damage								
	Vikas Layout								
	Main Road	1	133.50	0.60	0.15	12.02			
	Left Side Roads								
	2nd Main Road	1	66.00	0.50	0.15	4.95			
	Srinivasa Nlaya House Rd	1	66.00	0.60	0.15	5.94			
	3rd Cross rd	1	111.00	0.70	0.15	11.66			
	1st Main Road	1	73.00	0.50	0.15	5.48			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Pipe Cut Portion								
	Vikas Layout								
	Main Road	1	133.50	0.70	0.15	14.02			
	Left Side Roads								
	2nd Cross rd	1	66.00	0.70	0.15	6.93			
	3rd Cross rd	1	66.00	0.70	0.15	6.93			
	4th Cross rd	1	111.00	0.70	0.15	11.66			
	Nirman Krishna Apartment Rd	1	73.00	0.70	0.15	7.67			
	Road Widening Portion								
	Canadian International School F	1	275.00	1.50	0.15	61.88			
		1	421.00	3.20	0.15	202.08			
						351.19	**Cum**	**2581.70**	**906660.77**
25	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).								
	Basic Rate	**2394.00**							
	Area Weightage 10%	239.40							
	Total Rate	**2633.40**							
	Asphalt Road								
	Edge Correctin/ Damage								
	Vikas Layout								
	Main Road	1	133.50	0.60	0.225	18.02			
	Left Side Roads								
	2nd Main Road	1	66.00	0.50	0.225	7.43			
	Srinivasa Nlaya House Rd	1	66.00	0.60	0.225	8.91			
	3rd Cross rd	1	111.00	0.70	0.225	17.48			
	1st Main Road	1	73.00	0.50	0.225	8.21			
	Pipe Cut Portion								
	Vikas Layout								
	Main Road	1	133.50	0.70	0.225	21.03			
	Left Side Roads								
	2nd Main Road	1	66.00	0.70	0.225	10.40			
	Srinivasa Nlaya House Rd	1	66.00	0.70	0.225	10.40			
	3rd Cross rd	1	111.00	0.70	0.225	17.48			
	1st Main Road	1	73.00	0.70	0.225	11.50			
	Scarifying Roads								
	Vikas Layout								
	Right Side Roads								
	2nd Cross rd	1	67.00	4.40	0.225	66.33			
	3rd Cross rd	1	79.00	4.50	0.225	79.99			
	4th Cross rd	1	79.00	4.40	0.225	78.21			
	Road Widening Portion								
	Canadian International School F	1	275.00	1.50	0.225	92.81			
		1	421.00	3.20	0.225	303.12			
						751.31	**Cum**	**2633.40**	**1978496.46**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
26	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III, P.No-29,I No-5.1(i) of PWD SR 2021-22).issue rates dated 07-07-2022								
	Basic Rate	42.00	✓						
	Area Weightage 10%	4.20							
	Total Rate	46.20							
	Asphalt Road								
	For Profile correction								
	Vikas Layout								
	Main Road	1	133.50	4.80		640.80			
	Left Side Roads								
	2nd Main Road	1	66.00	5.90		389.40			
	Srinivasa Nlaya House Rd	1	66.00	7.10		468.60			
	3rd Cross rd	1	111.00	6.50		721.50			
	1st Main Road	1	73.00	5.50		401.50			
						2621.80			
	15% Profile correction					**393.27**			
	Edge Correctin/ Damage								
	Vikas Layout								
	Main Road	1	133.50	0.60		80.10			
	Left Side Roads								
	2nd Main Road	1	66.00	0.50		33.00			
	Srinivasa Nlaya House Rd	1	66.00	0.60		39.60			
	3rd Cross rd	1	111.00	0.70		77.70			
	1st Main Road	1	73.00	0.50		36.50			
	Scarifying Roads								
	Vikas Layout								
	Right Side Roads								
	2nd Cross rd	1	67.00	4.40		294.80			
	3rd Cross rd	1	79.00	4.50		355.50			
	4th Cross rd	1	79.00	4.40		347.60			
	Road Widening Portion								
	Canadian International School F	1	275.00	1.50		412.50			
		1	421.00	3.50		1473.50			
	For DBM								
	Canadian International School F	1	275.00	6.50		1787.50			
		1	421.00	6.80		2862.80			
						8194.37	**Sqm**	**46.20**	**378579.89**
27	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).issue rates dated 07-07-2022								
	Basic Rate	12.00	✓						
	Area Weightage 10%	1.20							
	Total Rate	13.20							
	Asphalt Road								
	For BC								
	Canadian International School F	1	275.00	6.50		1787.50			
		1	421.00	6.80		2862.80			
	Vikas Layout								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Right Side Roads								
	2nd Cross rd	1	67.00	4.40		294.80			
	3rd Cross rd	1	79.00	4.50		355.50			
	4th Cross rd	1	79.00	4.40		347.60			
	Main Road	1	133.50	4.80		640.80			
	Left Side Roads								
	2nd Main Road	1	66.00	5.90		389.40			
	Srinivasa Nlaya House Rd	1	66.00	7.10		468.60			
	3rd Cross rd	1	111.00	6.50		721.50			
	1st Main Road	1	73.00	5.50		401.50			
						8270.00	**Sqm**	**13.20**	**109164.00**
28	Providing and laying **Dense Graded Bituminous Macadam** with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).issue rates dated 07-07-2022								
	Basic Rate	**9139.00**							
	Area Weightage 10%	913.90							
	Total Rate	10052.90							
	Asphalt Road								
	For Profile correction								
	Vikas Layout								
	Main Road	1	133.50	4.80	0.05	32.04			
	Left Side Roads								
	2nd Main Road	1	66.00	5.90	0.05	19.47			
	Srinivasa Nlaya House Rd	1	66.00	7.10	0.05	23.43			
	3rd Cross rd	1	111.00	6.50	0.05	36.08			
	1st Main Road	1	73.00	5.50	0.05	20.08			
						131.09			
	15% Profile correction					**19.66**			
	Edge Correctin/ Damage Portion								
	Vikas Layout								
	Main Road	1	133.50	0.60	0.05	4.01			
	Left Side Roads								
	2nd Main Road	1	66.00	0.50	0.05	1.65			
	Srinivasa Nlaya House Rd	1	66.00	0.60	0.05	1.98			
	3rd Cross rd	1	111.00	0.70	0.05	3.89			
	1st Main Road	1	73.00	0.50	0.05	1.83			
	Scarifying Roads								
	Vikas Layout								
	Right Side Roads								
	2nd Cross rd	1	67.00	4.40	0.05	14.74			
	3rd Cross rd	1	79.00	4.50	0.05	17.78			
	4th Cross rd	1	79.00	4.40	0.05	17.38			
	For DBM								
	Canadian International School F	1	275.00	6.50	0.05	89.38			
		1	421.00	6.80	0.05	143.14			
						315.42	**Cum**	**10052.90**	**3170870.64**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
29	Providing and laying **Bituminous Concrete with 40/60 TPH** capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.36, I.No.5.16C of PWD SR 2021-22).issue rates dated 07-07-2022								
	Basic Rate	**10611.00**	✓						
	Area Weightage 10%	1061.10							
	Total Rate	**11672.10**							
	Asphalt Road								
	For BC								
	Canadian International School P	1	275.00	6.50	0.03	53.63			
		1	421.00	6.80	0.03	85.88			
	Vikas Layout								
	Right Side Roads								
	2nd Cross rd	1	67.00	4.40	0.04	11.79			
	3rd Cross rd	1	79.00	4.50	0.04	14.22			
	4th Cross rd	1	79.00	4.40	0.04	13.90			
	Main Road	1	133.50	4.80	0.04	25.63			
	Left Side Roads								
	2nd Main Road	1	66.00	5.90	0.04	15.58			
	Srinivasa Nlaya House Rd	1	66.00	7.10	0.04	18.74			
	3rd Cross rd	1	111.00	6.50	0.04	28.86			
	1st Main Road	1	73.00	5.50	0.04	16.06			
						284.30	**Cum**	**11672.10**	**3318343.01**
30	Providing and laying of **hot applied thermoplastic compound** 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.(V-III,I No-8.15, P.No-57 of KPWD SR 2021-22)								
	Basic Rate	**478.00**	✓						
	Area Weightage 10%	47.80							
	Total Rate	**525.80**							
	Asphalt Road								
	Canadian International School P	2	275.00	0.10		55.00			
		2	421.00	0.10		84.20			
	Vikas Layout								
	Right Side Roads								
	2nd Cross rd	2	67.00	0.10		13.40			
	3rd Cross rd	2	79.00	0.10		15.80			
	4th Cross rd	2	79.00	0.10		15.80			
	Main Road	2	133.50	0.10		26.70			
	Left Side Roads								
	2nd Main Road	2	66.00	0.10		13.20			
	Srinivasa Nlaya House Rd	2	66.00	0.10		13.20			
	3rd Cross rd	2	111.00	0.10		22.20			
	1st Main Road	2	73.00	0.10		14.60			
						274.10	**Sqm**	**525.80**	**144121.78**
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)								
	Basic Rate	**12.00**	✓						

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	8KM Lead = 12*8	96.00							
	Area Weightage 10%	9.60							
	Total Rate	105.60							
	Qty frm Item No-05		2358.7	1.28		3019.11			
	Qty frm Item No-20		6360.9	1.28		8141.97			
						11161.08	t.Km	105.60	1178610.11
32	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead **Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet.Excluding dismembering** (V-III Page No.8, Item No.2.13B of PWD SR 2021-22)								
	Basic Rate	1530.00							
	Area weihgtage 10%	153.00							
	Total	1683.00							
	Ambedkar Samudya Bhavana								
	FF	1				4.00			
						4.00	Cum	1683.00	6,732.00
33	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead **Prestressed / Reinforced cement concrete grade M-20 & above** (V-III Page No.8, Item No.2.7C of PWD SR 2021-22)								
	Basic Rate	1853.00							
	Area weihgtage 10%	185.30							
	Total	2038.30							
	GF Slab	1	13.00	10.00	0.15	19.50			
	Beams	2	13.00	0.30	0.45	3.51			
		5	10.00	0.30	0.45	6.75			
	Coloumn	14	0.45	0.40	7.00	17.64			
	GF and FF Chajja	20	1.50	0.60	0.10	1.80			
	GF and FF Lintel	20	1.50	0.20	0.20	1.20			
	Plinth Beam	2	13.00	0.30	0.45	3.51			
		5	10.00	0.30	0.45	6.75			
	Staircase	1	6.00	1.80	0.15	1.62			
		1	6.00	1.80	0.30	3.24			
	Landing	1	3.60	1.80	0.15	0.97			
						66.49	Cum	2038.30	135530.64
34	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead **Dismantling Brick / Tile work in cement mortar** (V-III Page No.8, Item No.2.9B of PWD SR 2021-22)								
	Basic Rate	499.00							
	Area weihgtage 10%	49.90							
	Total	548.90							
	Ambedkar Samudya Bhavana								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Compound Wall	1	14.40	0.20	1.50	4.32			
	GF and FF Walls	4	13.00	0.20	3.50	36.40			
		4	10.00	0.20	3.50	28.00			
						68.72	Cum	548.90	37720.41
35	**Earth work excavation for Foundation** by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work Depth exceeding 1.5 m, but not exceeding 3 (V-I Page No.8, Item No.1.15.2 of PWD SR 2021-22)								
	Basic Rate	**320.00**							
	Area weihgtage 10%	32.00							
	Total	**352.00**							
	Garadi mane Stick Practice Area								
	Footing	4	3.20	3.20	1.80	73.73			
	For SSm Foundation								
	Stick Practice Area	2	6.00	1.00	0.90	10.80			
		1	9.10	1.00	0.95	8.65			
	Ambedkar Samudya Bhavana								
	Sump	1	4.50	4.50	2.00	40.50			
	Footing	12	2.60	2.60	2.00	162.24			
	For SSM Foundation	2	14.40	1.20	2.00	69.12			
		2	13.15	1.20	1.60	50.50			
	For Compound Wall North side	1	16.80	1.00	0.90	15.12			
	West side	1	14.95	1.00	0.90	13.46			
	East Side	1	14.95	1.00	0.90	13.46			
	Debris	1	30.00	21.00	0.30	189.00			
						646.56	Cum	352.00	227588.77
36	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M25 Design Mix Using 20 mm nominal size** graded crushed coarse aggregates (V-I Page No.15, Item No.2.2.2.1 of PWD SR 2021-22) Issue Rate On 7-07-22									
	Basic Rate	**5979.00**							
	Shuttering 8%	**478.32**							
		6457.32							
	Area weihgtage 10%	**645.73**							
	Total	**7103.05**							
	Garadimane								
	Footing	4	3.00	3.00	0.60	21.60			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Ambedkar Samudya Bhavana								
	Sump	1	4.00	4.00	0.20	3.20			
		4	4.00	0.20	1.60	5.12			
		1	4.00	4.00	0.20	3.20			
	Footing	12	2.30	2.50	0.75	51.75			
						84.87	Cum	7103.05	602836.02
	Basic Rate	5979.00	✓						
	Shuttering 70%	4185.30							
		10164.30							
	Area weihgtage 10%	1016.43							
	Total	11180.73							
	Garadimane								
	Coloumn Up to Plinth	4	0.45	0.60	1.00	1.08			
	Ambedkar Samudya Bhavana								
	Coloumn Up to Plinth	12	0.45	0.60	1.00	3.24			
						4.32	Cum	11180.73	48300.75
	Basic Rate	5979.00	✓						
	Shuttering 50%	2989.50							
		8968.50							
	AW 10%	896.85							
	Total	9865.35							
	Garadimane								
	Plinth Beam	2	6.00	0.30	0.45	1.62			
		1	8.70	0.30	0.45	1.17			
	Ambedkar Samudya Bhavana								
	Plinth Beam	2	14.40	0.23	0.45	2.98			
		5	13.15	0.30	0.60	11.84			
	For Compound Wall North side 1st Step	1	16.80	0.45	0.15	1.13			
	West side	1	14.95	0.45	0.15	1.01			
	East Side	1	14.95	0.45	0.15	1.01			
						20.76	Cum	9865.35	204829.82
37	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.(V-II Page No.5, Item No.4.1 of PWD SR 2021-22)								
	Basic Rate	95.00	✓						
	AW10%	9.50							
	Total	104.50							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Garadi mane Stick Practice Area								
		1	6.00	9.1		54.6			
	Ambedkar Samudya Bhavana								
		1	16.80	14.95		251.16			
						305.76	**Sqm**	**104.50**	**31951.92**
38	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6(1 cement : 6 coarse sand) (V-II Page No.9, Item No.5.4 of PWD SR 2021-22)								
	Basic Rate	5352.00							
	Area weihgtage 10%	535.20							
	Total	5887.20							
	Garadi mane Stick Practice Area								
	1st Step	2	6.00	0.90	0.45	4.86			
		1	9.10	0.90	0.45	3.69			
	2nd Step	2	6.00	0.90	0.45	4.86			
		1	9.10	0.90	0.45	3.69			
	Ambedkar Samudya Bhavana								
	1st Step	2	14.40	0.90	0.45	11.66			
		5	13.15	0.90	0.45	26.63			
	2nd Step	2	14.40	0.90	0.45	11.66			
		5	13.15	0.90	0.45	26.63			
	For Compound Wall North side 1st Step	1	16.80	0.75	0.45	5.67			
	West side	1	14.95	0.75	0.45	5.05			
	East Side	1	14.95	0.75	0.45	5.05			
	For Compound Wall North side 2nd Step	1	16.80	0.45	0.45	3.40			
	West side	1	14.95	0.45	0.45	3.03			
	East Side	1	14.95	0.45	0.45	3.03			
	Govt School								
	For SSM Foundation 1st Step								
	South Side	1	88.00	0.90	0.45	35.64			
	West Side	1	66.00	0.90	0.45	26.73			
	North Side	1	80.00	0.90	0.45	32.40			
	East Side	1	72.00	0.90	0.45	29.16			
		1	72.00	0.90	0.45	29.16			
	Deduct Coloumn	-76	0.23	0.35	0.45	-2.75			
	For SSM Foundation 1st Step								
	South Side	1	88.00	0.45	0.45	17.82			
	West Side	1	66.00	0.45	0.45	13.37			
	North Side	1	80.00	0.45	0.45	16.20			
	East Side	1	72.00	0.45	0.45	14.58			
		1	72.00	0.45	0.45	14.58			
	Deduct Coloumn	-76	0.23	0.35	0.45	-2.75			
						343.02	**Cum**	**5887.20**	**2019446.77**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
39	**Filling available excavated earth** (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.(V-I Page No.7, Item No.1.9 of PWD SR 2021-22)								
	Basic Rate	204.00							
	AW 10%	20.40							
	Total	**224.40**							
	Total Qty of EW					646.56			
	Footing and Coloumn Qty from					-94.60			
	Add Plith Area Qty	1	6.00	8.70	0.60	31.32			
	Add Plith Area Qty	1	14.4	13.15	0.75	142.02			
	Deduct Plinth beam Qty					-17.61			
	Deduct PCC Qty					-121.15			
	Deduct Footing and Coloumn Qty					-120.67			
						465.87	**Cum**	**224.40**	**104540.38**
40	Providing and laying in position **Reinforced cement concrete** for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.17, Item No.2.5.1 of PWD SR 2021-22) 6182 Issue Rates								
	Basic Rate	6182.00							
	Shuttering 70%	4327.40							
		10509.40							
	Area weihgtage 10%	1050.94							
	Total	11560.34							
	Someswara Temple Samudaya Bhavana								
	For Coloumn	8	0.15	0.45	2.60	1.40			
	For Coloumn	8	0.15	0.45	0.75	0.41			
						1.81	**Cum**	**11560.34**	**20912.66**
	Basic Rate	6182.00							
	Shuttering 60%	3709.20							
		9891.20							
	Area weihgtage 10%	989.12							
	Total	10880.32							
	Lintel	2	13.3	0.15	0.20	0.80			
		2	4.75	0.15	0.20	0.29			
	Chajja	6	1.8	0.60	0.08	0.49			
	Roof Beam	2	13.3	0.15	0.30	1.20			
		4	4.75	0.15	0.30	0.86			
						3.62	**Cum**	**10880.32**	**39397.64**
	Basic Rate	6182.00							
	Shuttering 50%	3091.00							
		9273.00							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Area weihgtage 10%	927.30							
	Total	10200.30							
	Stair case	22	0.015		0.90	0.30			
	Landing	2	1.8	0.9	0.15	0.54			
	Slab	1	13.3	4.75	0.15	9.48			
						10.31	**Cum**	**10200.30**	**105198.24**
41	Providing and laying in position Reinforced cement concrete for all **Super structures** of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)**M 25 Design Mix Using 20 mm** nominal size graded crushed coarse aggregates (V-I Page No.17, Item No.2.5.2 of PWD SR 2021-22) Issue Rate On 7-07-22								
	Basic Rate	6186.00							
	Shuttering 70%	4330.20							
		10516.20							
	Area weihgtage 10%	1051.62							
	Total	11567.82							
	Garadimane								
	Coloumn Above Plinth GF	4	0.45	0.60	2.65	2.86			
	Coloumn above GF Slab	4	0.45	0.60	0.90	0.97			
	Ambedkar Samudya Bhavana								
	Coloumn Above Plinth GF	12	0.45	0.60	3.25	10.53			
	Coloumn Above GF, FF	12	0.45	0.60	3.25	10.53			
	Coloumn above FF Slab	12	0.45	0.60	0.90	2.92			
						27.81	**Cum**	**11567.82**	**321701.07**
	Basic Rate	6186.00							
	Shuttering 60%	3711.60							
		9897.60							
	Area weihgtage 10%	989.76							
	Total	10887.36							
	Garadimane								
	Roof beam GF	2	6.00	0.30	0.45	1.62			
		1	8.70	0.30	0.45	1.17			
	Lintel	6	1.50	0.20	0.20	0.36			
	Chajja	6	1.50	0.60	0.08	0.41			
	Ambedkar Samudya Bhavana								
	Roof beam GF	2	14.40	0.30	0.75	6.48			
		5	13.15	0.30	0.75	14.79			
	Roof beam FF	2	14.40	0.30	0.75	6.48			
		5	13.15	0.30	0.75	14.79			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Lintel beam GF& FF	4	14.40	0.30	0.20	3.46			
		4	13.15	0.30	0.20	3.16			
	Chajja	26	1.50	0.60	0.08	1.76			
						54.47	Cum	10887.36	593078.05
	Basic Rate	6186.00							
	Shuttering 50%	3093.00							
		9279.00							
	Area weihgtage 10%	927.90							
	Total	10206.90							
	Garadimane								
	Slab	1	6.20	9.10	0.15	8.46			
	Staircase Waist Slab	2	6.00	1.50	0.15	2.70			
	Steps	26	0.02	1.50		0.88			
	Landing	1	3.00	1.50	0.15	0.68			
	Ambedkar Samudya Bhavana								
	Slab	1	14.40	13.15	0.15	28.40			
	Balcony	1	1.50	3.00	0.15	0.68			
	Staircase Waist Slab	2	6.00	1.20	0.15	2.16			
	Steps	26	0.02	1.20		0.70			
	Landing	1	2.40	1.20	0.15	0.43			
	Slab FF	1	14.40	13.15	0.15	28.40			
	Staircase Waist Slab FF	2	6.00	1.20	0.15	2.16			
	Steps	26	0.02	1.20		0.70			
	Landing	1	2.40	1.20	0.15	0.43			
	Head Room Slab	1	6.00	2.80	0.15	2.52			
						79.31	Cum	10206.90	809473.51
42	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (V-II Page No.11.32, Item No.84 of PWD SR 2021-22) Issue Rate On 7-07-22								
	Basic Rate	96.00							
	Area weihgtage 10%	9.60							
	Total	105.60							
	Garadimane								
	For Footing 100Kg/Cum	1	21.60	100.00		2160.00			
	For Coloumn 140Kg/Cum	1	4.91	140.00		687.96			
	For Plinth 100Kg/Cum	1	2.79	100.00		279.45			
	For Roof Beam 130Kg/Cum	1	2.79	130.00		363.29			
	For Roof and Staicase 100Kg/Cum	1	12.72	100.00		1271.55			
	Lintel and Chajja 65 Kg/Cum	1	0.77	65.00		49.73			
						4811.97			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Ambedkar Samudya Bhavana								
	For Sump 100kg/Cum	1	11.52	100.00		1152.00			
	For Footing 100Kg/Cum	1	51.75	100.00		5175.00			
	For Coloumn 140Kg/Cum	1	27.22	140.00		3810.24			
	For Plinth 100Kg/Cum	1	17.97	100.00		1796.81			
	For Roof Beam 130Kg/Cum	1	42.55	130.00		5531.18			
	For Roof and Staicase 100Kg/Cum	1	64.07	100.00		6407.10			
	Lintel and Chajja 65 Kg/Cum	1	8.37	65.00		543.86			
						24416.18			
	Someswara Temple Samudaya Bhavana								
	For Coloumn 140Kg/Cum	1	1.81	140.00		253.26			
	For Roof Beam 130Kg/Cum	1	2.05	130.00		266.76			
	For Roof and Staicase 100Kg/Cum	1	10.31	100.00		1031.33			
	Lintel and Chajja 65 Kg/Cum	1	1.57	65.00		101.99			
						1653.33			
						30881.48	**Kg**	**105.60**	**3261083.76**
43	Providing and constructing load bearing wall with **Solid Concrete blocks of size 400x200x200mm** having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (V-II Page No.17, Item No.6.32 of PWD SR 2021-22)								
	Basic Rate	1196.00							
	Area weihgtage 10%	119.60							
	Total	1315.60							
	Garadimane								
	Stick Practice Area	2	6.00		2.65	31.80			
		1	9.10		2.65	24.12			
	W	-6	1.20		1.20	-8.64			
	Ambedkar Samudya Bhavana								
	Room	2	2.50		3.25	16.25			
		2	3.50		3.85	26.95			
		2	2.50		3.85	19.25			
	Deduct Openings								
	D1	-2	1.09		2.10	-4.58			
	D2	-2	0.75		2.10	-3.15			
	For Compound Wall North side	1	16.80		1.50	25.20			
	West side	1	14.95		1.50	22.43			
	East Side	1	14.95		1.50	22.43			
	Gate	-1	5.00		1.50	-7.50			
	Someswara Temple Samudaya Bhavana								
	Long wall	2	13.30		2.60	69.16			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Short wall	2	4.75		2.60	24.70			
	Parapet	2	13.30		0.75	19.95			
		1	4.75		0.75	3.56			
		1	3.50		0.75	2.63			
	Deduct Openings								
	D	-1	1.20		2.10	-2.52			
	W	-6	1.50		1.20	-10.80			
	For Compound Wall								
	South Side	1	88.00		2.10	184.80			
	West Side	1	66.00		2.10	138.60			
	North Side	1	80.00		2.10	168.00			
	East Side	1	72.00		2.10	151.20			
		1	72.00		2.10	151.20			
	Deduct Coloumn	-76	0.23		2.10	-36.71			
	Deduct Entrance Gate	-1	5.00		2.10	-10.50			
						1017.82	**Sqm**	**1315.60**	**1339039.39**
44	Providing **Teak wood** frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(V-II Page No.99, Item No.12.11 of PWD SR 2021-22)								
	Basic Rate	235649.00	✓						
	Area weihgtage 10%	23564.90							
	Total	259213.90							
	Garadimane								
	D1	3	9.00	0.15	0.15	0.61			
	Ambedkar Samudya Bhavana								
	MD,GF and FF	2	8.40	0.20	0.15	0.50			
						1.11	**Cum**	**259213.90**	**288116.25**
45	Providing and fixing in position fully panelled **Teak wood shutters** for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (V-II Page No.~~99~~ 109, Item No.9.33 of PWD SR 2021-22) 12.14.								
	Basic Rate	9334.00	✓						
	Area weihgtage 10%	933.40							
	Total	10267.40							
	Garadimane								
	1	3	2.10		2.40	15.12			
	Ambedkar Samudya Bhavana								
	MD	2	2.00		2.10	8.40			
						23.52	**Sqm**	**10267.40**	**241489.25**
46	Providing **Honne wood frames of doors,** windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(V-II Page No.99, Item No.12.11 of PWD SR 2021-22)								
	Basic Rate	90393.00	✓						
	Area weihgtage 10%	9039.30							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Total	99432.30							
	Garadimane								
	D2	1	6.00	0.13	0.13	0.09			
	D3	4	5.70	0.13	0.10	0.29			
	Ambedkar Samudya Bhavana								
	D	3	6.60	0.15	0.13	0.37			
	D1	2	5.10	0.13	0.10	0.13			
	Someswara Temple Samudaya Bhavana								
	D	2	2.10	0.15	0.13	0.08			
		2	1.40	0.15	0.13	0.05			
						1.01	Cum	99432.30	100824.35
47	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.(V-II Page No.105, Item No.12.51 of PWD SR 2021-22).								
	Basic Rate	1485.00							
	Area weihgtage 10%	148.50							
	Total	1633.50							
	Garadimane								
	D1	3				3.00			
	D2	1				1.00			
	D3	4				4.00			
	Ambedkar Samudya Bhavana								
	MD	2				2.00			
	D	3				3.00			
	D1	2				2.00			
	Someswara Temple Samudaya Bhavana								
	D	1				1.00			
						16.00	Nos	1633.50	26136.00
48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (V-II, Page No.85, Item No.11.34A of PWD SR 2021-22)								
	Basic Rate	147.00							
	AW 10%	14.70							
	Total	161.70							
	Ambedkar Samudya Bhavana								
	W	8	1.20		1.20	11.52			
	W1	1	1.20		1.20	1.44			
	V	2	0.75		0.60	0.90			
						13.86			
	Ambedkar Samudya Bhavana								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	W	24	1.50		1.20	43.20			
	W1	2	1.20		1.20	2.88			
	V	2	0.70		0.70	0.98			
						47.06			
	Someswara Temple Samudaya Bhavana								
	W	6	1.50		1.20	**10.80**			
						71.72			
	Total Qty in kgs (qty in Sqm *21 kg/sqm)					1506.12			
						1506.12	**Kg**	**161.70**	**243539.60**
49	Providing **15 mm cement plaster** on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.41, Item No.8.2.1 of PWD SR 2021-22)								
	263 / Basic Rate	248.00							
	Area weihgtage 10%	24.80							
	Total	272.80							
	Garadi mane								
	Inside Plastering								
	Ceiling	1	15.75	8.70		137.03			
		2	0.90	1.65		2.97			
	Along long direction	2	21.75		2.90	126.15			
	Along Short direction	6	8.70		2.90	151.38			
	Office and Entrance Lobby	4	3.40		2.90	39.44			
	Deduct Openings								
	D1	-3	2.10		2.40	-15.12			
	D2	-1	0.90		2.10	-1.89			
	D3	-4	0.75		2.10	-6.30			
	W	-15	1.20		1.20	-21.60			
	Ambedkar Samudya Bhavana								
	Sump Plastering	4	4.00		1.60	25.60			
	Ceiling	1	14.40	12.75		183.60			
	Bolcony	1	1.50	3.00		4.50			
	Beam Sides	6	12.75	0.75		57.38			
	Internal Plastering								
	Main Wall	2	14.40		3.90	112.32			
		2	13.15		3.90	102.57			
	Partition Wall	2	4.20		3.90	32.76			
		2	5.00		3.90	39.00			
	Deduct Openings								
	MD	-1	2.00		2.10	-4.20			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	D1	-3	1.09		2.10	-6.87			
	W	-14	1.50		1.20	-25.20			
	1st Floor								
	Ceiling	1	14.40	12.75		183.60			
	Beam Sides	6	12.75	0.75		57.38			
	Main Wall	2	14.40		3.90	112.32			
		2	13.15		3.90	102.57			
	Ambedkar Samudya Bhavana								
	Room	2	2.50		3.25	16.25			
		2	3.50		3.85	26.95			
	Deduct Openings								
	MD	-1	2.00		2.10	-4.20			
	D1	-2	1.09		2.10	-4.58			
	D2	-4	0.75		2.10	-6.30			
	W	-10	1.50		1.20	-18.00			
	W1	-2	1.20		1.20	-2.88			
	V	-2	0.70		0.70	-0.98			
	Head Room Slab	1	5.60	2.40		13.44			
		2	6.00		3.00	36.00			
		2	2.80		3.00	16.80			
	D1	-1	1.09		2.10	-2.29			
	Internal Plastering								
	Someswara Temple Samudaya Bhavana								
	Ceiling	1	13.00	4.45		57.85			
	Long wall	1	13.00		3.00	39.00			
	Short wall	1	4.45		3.00	13.35			
	Deduct Openings								
	D	-1	1.20		2.10	-2.52			
	W	-6	1.50		1.20	-10.80			
						1556.47	**Sqm**	**272.80**	**424605.02**
50	Providing **20 mm cement plaster of mix :1:4** (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.41, Item No.8.3.1 of PWD SR 2021-22)								
	Basic Rate	299.00							
	Area weihgtage 10%	29.90							
	Total	328.90							
	Garadi mane								
	External Plastering								
	Along long direction	1	22.55		4.90	110.50			
		1	18.75		4.90	91.88			
	Along Short direction	2	9.10		4.90	89.18			
	Ambedkar Samudya Bhavana								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Main Wall	2	14.40		4.05	116.64			
		2	13.15		4.05	106.52			
	1st Floor								
	Main Wall	2	14.40		4.05	116.64			
		2	13.15		4.05	106.52			
	Head Room	2	6.00		3.00	36.00			
	Head Room	2	2.80		3.00	16.80			
	D	-1	1.09		2.10	-2.29			
	Parapet	2	14.40		0.90	25.92			
		2	8.80		0.90	15.84			
		2	13.15		0.90	23.67			
		2	10.35		0.90	18.63			
	Head Room Parapet	2	6.00		0.75	9.00			
		2	5.20		0.75	7.80			
		2	2.80		0.75	4.20			
	For Compound Wall North side	2	16.80		1.50	50.40			
	West side	2	14.95		1.50	44.85			
	East Side	2	14.95		1.50	44.85			
	Gate	-2	5.00		1.50	-15.00			
	External plastering								
	Someswara Temple Samudaya Bhavana								
	Long wall	1	13.30		3.05	40.57			
	Short wall	1	4.75		3.05	14.49			
	Parapet	2	13.30		0.75	19.95			
		2	4.75		0.75	7.13			
		2	3.50		0.75	5.25			
	For Compound Wall								
	South Side	2	88.00		2.17	381.92			
	West Side	2	66.00		2.17	286.44			
	North Side	2	80.00		2.17	347.20			
	East Side	2	72.00		2.17	312.48			
		2	72.00		2.17	312.48			
	Deduct Entrance Gate	-2	5.00		2.17	-21.70			
						2724.73	**Sqm**	**328.90**	**896163.20**
51	Providing and laying flooring and steps fine machine polished **granite stone slabs 20 mm thick** on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including cost of materials, mortar, labour, curing complete as per specifications.(V-II, Page No.64, Item No.9.30 of PWD SR 2021-22)								
	Basic Rate	**2395.00**							
	Area weihgtage 10%	239.50							
	Total	**2634.50**							
	Ambedkar Samudya Bhavana								
	GF	1	14.00	12.75		178.50			
	FF	1	14.00	12.75		178.50			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Balcony	1	1.50	3.00		4.50			
	Stairs	52	1.20	0.30		18.72			
		52	1.20	0.15		9.36			
	Landing	2	2.40	1.20		5.76			
	Someswara Temple Samudaya Bhavana								
	Flooring	1	13.00	4.45		57.85			
	Staircase	22	0.15	0.90		2.97			
		21	0.20	0.90		3.78			
	Landing	2	1.80	0.90		3.24			
	Skirting	1	4.45	0.15		0.67			
		1	3.50	0.15		0.53			
						464.37	**Sqm**	**2634.50**	**1223389.35**
52	Providing and applying **white cement based putty** of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(V-II, Page No.64, Item No.8.51 of PWD SR 2021-22)								
	Basic Rate	83.00							
	Area weihgtage 10%	8.30							
	Total	91.30							
	Qty Same as Internal Plastering					1556.47			
	Deduct inside Cladding					-113.62			
						1442.85	**Sqm**	**91.30**	**131732.43**
53	Providing and laying **Ceramic glazed floor tiles** of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete (V-II, Page No.60, Item No.9.11 of PWD SR 2021-22)								
	Basic Rate	762.00							
	Area weihgtage 10%	76.20							
	Total	838.20							
	Garadi mane								
	For Toilet	2	0.90	1.65		2.97			
	Ambedkar Samudya Bhavana								
	For Toilet	2	1.20	2.50		6.00			
						8.97	**Sqm**	**838.20**	**7518.65**
54	Providing skirting, **dadooing, rises of** steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.(V-II, Page No.65, Item No.9.38 of PWD SR 2021-22)								
	Basic Rate	974.00							
	Area weihgtage 10%	97.40							
	Total	1071.40							
	Garadi mane								
	For Toilet	2	5.10		2.10	21.42			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Deductions								
	D3	-2	0.75		2.10	-3.15			
	V	-2	0.75		0.60	-0.90			
	Ambedkar Samudya Bhavana								
	For Toilet	2	1.20		2.10	5.04			
		2	2.50		2.10	10.50			
	Deductions								
	D2	-2	0.75		2.10	-3.15			
	V	-2	0.70		0.70	-0.98			
						28.78	**Sqm**	**1071.40**	**30834.89**
55	Providing and **fixing flush door shutter** made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification. 30 mm thick both side commercial (V-II Page No.106, Item No.12.57 of PWD SR 2021-22). [12-57-3]								
		2638.00							
	Basic Rate	263.80							
	Area weihgtage 10%	2901.80							
	Total								
	Garadi mane								
	D3	2	0.75		2.10	3.15			
	Ambedkar Samudya Bhavana								
	D1	2	0.75		2.10	3.15			
						6.30	**Sqm**	**2901.80**	**18281.34**
56	Providing and fixing in position fully panelled **Honne wood shutters** for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (V-II Page No.100, Item No.12.15 of PWD SR 2021-22).								
	Basic Rate	**5074.00**							
	Area weihgtage 10%	507.40							
	Total	**5581.40**							
	Garadi mane								
	D2	1	0.90		2.10	1.89			
	D3	2	0.75		2.10	3.15			
	Ambedkar Samudya Bhavana								
	D	3	1.09		2.10	6.87			
						11.91	**Nos**	**5581.40**	**66457.73**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
57	Providing & fixing of **2-track x 2-panel sliding windows** made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm.Maximum possible size – 1219mm x 1219mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (V-II, Page No.110, Item No.12.84 of PWD SR 2021-22)								
		4114.00							
	Basic Rate	411.40							
	Area weihgtage 10%	**4525.40**							
	Total								
	Garadi mane								
	W	15	1.20		1.20	21.60			
	V	2	0.75		0.60	0.90			
	Ambedkar Samudya Bhavana								
	W	24	1.50		1.20	43.20			
	W1	2	1.20		1.20	2.88			
	V	2	0.70		0.70	0.98			
	Someswara Temple Samudaya Bhavana								
	W	6	1.50		1.20	10.80			
						80.36	**Sqm**	**4525.40**	**363661.14**
58	Providing and laying **water proofing treatment** to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.(V-II Page No.133, Item No.15.1 of PWD SR 2021-22)								
	Basic Rate	745.00							
	Area weihgtage 10%	74.50							
	Total	**819.50**							
	Garadi mane								
	Terrace	1	16.15	9.10		146.97			
	toilet Slab	1	3.60	1.00		3.60			
	Ambedkar Samudya Bhavana								
	Terrace	1	14.00	12.75		178.50			
	Balcony	1	1.50	3.00		4.50			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Toilets	1	1.50	1.80		2.70			
	Someswara Temple Samudaya Bhavana								
	Terrace	1.00	13.00	4.45		57.85			
						394.12	Sqm	819.50	322977.24
59	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.48, Item No.8.39 of PWD SR 2021-22)								
		95.00							
	Basic Rate	9.50							
	Area weihgtage 10%	104.50							
	Total								
	Qty Same as Inside Plaster					1556.47			
	Deduct Wall Cladding					-212.65			
	Deduct Sump Plastering					-25.60			
						1318.22	Sqm	104.50	137753.73
60	Providing White washing with lime to give an even shade :New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.44, Item No.8.21 of PWD SR 2021-22)								
	Basic Rate	19.00							
	Area weihgtage 10%	1.90							
	Total	20.90							
	Qty Same as External Plaster					2724.73	Sqm	20.90	56946.83
61	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.46, Item No.8.30 of PWD SR 2021-22)								
	Basic Rate	136.00							
	Area weihgtage 10%	13.60							
	Total	149.60							
	Qty Same as External Plaster					2724.73	Sqm	149.60	407619.38
62	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(V-II, Page No.83, Item No.11.28 of PWD SR 2021-22)								
	Basic Rate	500.00							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Area weihgtage 10%	50.00							
	Total	550.00							
	Garadi mane								
	Staircase and Balocny Railings					400.00			
	Ambedkar Samudya Bhavana								
	Staircase and Balocny Railings					1000.00			
						1400.00	kg	550.00	770000.00
63	**Painting wood work** with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.46, Item No.8.33.2 of PWD SR 2021-22)								
	Basic Rate	105.00							
	Area weihgtage 10%	10.50							
	Total	115.50							
	Garadi mane								
	D1	3	2.10		2.40	15.12			
	D2	1	0.90		2.10	1.89			
	D3	4	0.75		2.10	6.30			
	Ambedkar Samudya Bhavana								
	MD	2	2.00		2.10	8.40			
	D	3	1.09		2.10	6.87			
	D1	2	0.75		2.10	3.15			
						41.73	Sqm	115.50	4819.47
64	**Painting Steel work** with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour comp (V-II, Page No.47, Item No.8.33.3 of PWD SR 2021-22)								
	Basic Rate	106.00							
	Area weihgtage 10%	10.60							
	Total	116.60							
	Garadi mane								
	W	9	1.20		1.20	12.96			
	V	2	0.75		0.60	0.90			
	Ambedkar Samudya Bhavana								
	W	24	1.50		1.20	43.20			
	W1	2	1.20		1.20	2.88			
	V	2	0.70		0.70	0.98			
						60.92	Sqm	116.60	7103.27

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
65	Providing and laying **Polished Granite stone flooring** in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (V-II, Page No.63, Item No.11.24 of PWD SR 2021-22)								
	Basic Rate	**2881.00**							
	Area weihgtage 10%	288.10							
	Total	**3169.10**							
	Ambedkar Samudya Bhavana								
	Wash Basin in Dinning Area	3	3.00	1.20		10.80			
						10.80	**Sqm**	**3169.10**	**34226.28**
66	Providing and fixing of **wall cladding using 20mm thick gang saw water** cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. (V-II, Page No.72, Item No.10.18 of PWD SR 2021-22)								
	Basic Rate	**3065.00**							
	Area weihgtage 10%	306.50							
	Total	**3371.50**							
	Ambedkar Samudya Bhavana								
	Inside Wall Cladding								
	GF	2	14.00		1.50	42.00			
		2	12.75		1.50	38.25			
	FF	2	10.35		1.50	31.05			
		2	12.75		1.50	38.25			
	Stage Front	1	12.75		0.45	5.74			
	Deduction								
	MD	-2	2.00		1.50	-6.00			
	D1	-2	1.09		1.50	-3.27			
	W	-24	1.50		0.90	-32.40			
	External Wall Cladding								
	Front Side	1	13.15		8.90	117.04			
	Head room	1	2.80		3.00	8.40			
	Deductions								
	MD	-2	2.00		2.10	-8.40			
	W	-8	1.50		1.50	-18.00			
						212.65	**Sqm**	**3371.50**	**716957.90**
67	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. Complete(V-II Page No.107, Item No.12.62 of PWD SR 2021-22)								
	Basic Rate	**175.00**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Area weihgtage 10%	17.50							
	Total	192.50							
	Garadi mane								
	D1	6				6.00			
	D2	2				2.00			
	D3	8				8.00			
	Ambedkar Samudya Bhavana								
	MD	4				4.00			
	D	6				6.00			
	D2	4				4.00			
	Someswara Temple Samudaya Bhavana								
	D	2				2.00			
						32.00	Nos	192.50	6160.00
68	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.125x65x2.12mm(V-II Page No.107, Item No.12.68.1 of PWD SR 2021-22)								
	Basic Rate	38.00							
	Area weihgtage 10%	3.80							
	Total	41.80							
	Garadi mane								
	D1	18				18.00			
	D2	3				3.00			
	D3	8				8.00			
	Ambedkar Samudya Bhavana								
	MD	12				12.00			
	D	9				9.00			
	D2	6				6.00			
	Someswara Temple Samudaya Bhavana								
	D	3				3.00			
						59.00	Nos	41.80	2466.20
69	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. Complete 250x10mm (V-II Page No.109, Item No.12.76 of PWD SR 2021-22)								
	Basic Rate	337.00							
	Area weihgtage 10%	33.70							
	Total	370.70							
	Garadi mane								
	D1	6				6.00			
	D2	1				1.00			
	D3	4				4.00			
	Ambedkar Samudya Bhavana								
	MD	4				4.00			
	D	6				6.00			
	D2	2				2.00			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Someswara Temple Samudaya Bhavana								
	D	2				2.00			
						25.00	Nos	370.70	9267.50
70	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid (V-II Page No.123, Item No.14.3.1 of PWD SR 2021-22)								
	Basic Rate	5005.00	✓						
	Area weihgtage 10%	500.50							
	Total	5505.50							
	Garadi mane								
	Toilet	2				2.00			
	Ambedkar Samudya Bhavana								
	Toilet	2				2.00			
						4.00	Nos	5505.50	22022.00
71	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : Size 600x450x200 mm (V-II Page No.126, Item No.14.11.2 of PWD SR 2021-22)								
	Basic Rate	4644.00	✓						
	Area weihgtage 10%	464.40							
	Total	5108.40							
	Garadi mane								
	Toilet	2				2.00			
	Ambedkar Samudya Bhavana								
	Toilet	2				2.00			
						4.00	Nos	5108.40	20433.60
72	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing cistern (V-II Page No.124, Item No.14.5.1 of PWD SR 2021-22)								
	Basic Rate	6628.00	✓						
	Area weihgtage 10%	662.80							
	Total	7290.80							
	Garadi mane								
	Toilet	2				2.00			
	Ambedkar Samudya Bhavana								
	Toilet	2				2.00			
						4.00	Nos	7290.80	29163.20

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
73	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 20mm nominal dia pipes (V-II Page No.124, Item No.13.32.2 of PWD SR 2021-22)								
	Basic Rate	373.00							
	Area weihgtage 10%	37.30							
	Total	410.30							
	Garadi mane								
		1	35.00			35.00			
	Ambedkar Samudya Bhavana								
		1	50.00			50.00			
						85.00	m	410.30	34875.50
74	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes (V-II Page No.124, Item No.13.32.3 of PWD SR 2021-22)								
	Basic Rate	476.00							
	Area weihgtage 10%	47.60							
	Total	523.60							
	Garadi mane								
		1	20.00			20.00			
	Ambedkar Samudya Bhavana								
		1	35.00			35.00			
						55.00	m	523.60	28798.00
75	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 32mm nominal dia pipes (V-II Page No.124, Item No.13.32.4 of PWD SR 2021-22)								
	Basic Rate	556.00							
	Area weihgtage 10%	55.60							
	Total	611.60							
	Garadi mane								
		1	20.00			20.00			
	Ambedkar Samudya Bhavana								
		1	35.00			35.00			
						55.00	m	611.60	33638.00

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
76	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for:PVC pipes 110mm dia., 6 kg/sqcm & class 3(Page No.134, Item No.1.7 of BWSSB SR 2021-22)								
	Garadi mane								
	For Rainwater Pipe	10	3.00			30.00			
	For Chamber Connections	1	25.00			25.00			
	Ambedkar Samudya Bhavana								
	For Rainwater Pipe	10	8.20			82.00			
	For Chamber Connections	1	25.00			25.00			
						162.00	M	394.00	63828.00
77	Providing and fixing gun metal non- return valve of approved quality (screwed end)(V-II Page No.115, Item No.13.6.1.2 of PWD SR 2021-22)								
	Basic Rate	553.00							
	Area weihgtage 10%	55.30							
	Total	608.30							
	Garadi mane								
		2				2.00			
	Ambedkar Samudya Bhavana								
		4				4.00			
						6.00	Nos	608.30	3649.80
78	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete(V-II Page No.115, Item No.13.5.2 of PWD SR 2021-22)								
	Basic Rate	360.00							
	Area weihgtage 10%	36.00							
	Total	396.00							
	Garadi mane								
		2				2.00			
	Ambedkar Samudya Bhavana								
		4				4.00			
						6.00	Each	396.00	2376.00
79	Providing and fixing PTMT pillar cock of approved quality and colour 15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms(V-II Page No.118, Item No.13.20.2 of PWD SR 2021-22)								
	Basic Rate	220.00							
	Area weihgtage 10%	22.00							
	Total	242.00							
	Garadi mane								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Toilet	2				2.00			
	Ambedkar Samudya Bhavana								
	Toilet	2				2.00			
						4.00	Each	242.00	968.00
80	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms (V-II Page No.129, Item No.14.37.2 of PWD SR 2021-22)								
	Basic Rate	244.00	✓						
	Area weihgtage 10%	24.40							
	Total	268.40							
	Garadi mane								
	Toilet and Dinning	2				2.00			
	Ambedkar Samudya Bhavana								
	Toilet and Dinning	6				6.00			
						8.00	Each	268.40	2147.20
81	Providing and fixing brass bib cock of approved quality :20 mm nominal bore (V-II Page No.129, Item No.13.3.2 of PWD SR 2021-22)								
	Basic Rate	345.00	✓						
	Area weihgtage 10%	34.50							
	Total	379.50							
	Garadi mane								
	Toilet	4				4.00			
	Ambedkar Samudya Bhavana								
	Toilet and Dinning	20				20.00			
						24.00	Nos	379.50	9108.00
82	Providing and fixing brass stop cock of approved quality :20 mm nominal bore (V-II Page No.129, Item No.13.3.2 of PWD SR 2021-22)								
	Basic Rate	345.00	✓						
	Area weihgtage 10%	34.50							
	Total	379.50							
	Garadi mane								
	Toilet	2				2.00			
	Ambedkar Samudya Bhavana								
	Toilet and Dinning	6				6.00			
						8.00	Nos	379.50	3036.00
83	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (V-II, I.No 9.40 Page No 65, PWD SR 2021-22)								
	Basic Rate	1139.00	✓						
	AW10%	113.90							
	Total	1252.90							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Out Side Flooring North side	1	0.90	16.40		14.76			
	South Side	1	0.90	16.40		14.76			
	East Side	1	1.50	13.15		19.73			
						49.25	**Sqm**	**1252.90**	**61699.06**
84	Providing and fixing in position **12mm thick plaster of paris (Gypsum anhydrous)** for celling reinforced with hessian cloth flat surface with ceiling tiles up to a height of 5 m above floor level over aluminium strips 25mm x 6mm and rendered smooth with plaster of paris including cost of materials, labour, curing complete as per specifications. (V-II, I.No 7.31 Page No 24, PWD SR 2021-22)								
	Basic Rate	1171.00							
	AW10%	117.10							
	Total	**1288.10**							
	Ambedkar Samudya Bhavana								
	For FF	1	14.00	12.75		178.50			
	Consider 25% for Edge and Designs					44.63			
						223.13	**Sqm**	**1288.10**	**287407.31**
85	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.19/20mm dia 2mm thick (Page No.1, Item No.1.2.1 of PWD Electrical SR2022-23)								
	Garadi mane	1	70.00			70.00			
	Ambedkar Samudya Bhavana	1	100.00			100.00			
						170.00	**m**	**61.00**	**10370.00**
86	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.a)25mm dia 2 mm thick (Page No.1, Item No.1.2.2 of PWD Electrical SR 2021-22								
	Garadi mane	1	70.00			70.00			
	Ambedkar Samudya Bhavana	1	100.00			100.00			
	Someswara Temple Samudaya Bhavana		10.00			10.00			
						180.00	**m**	**70.00**	**12600.00**
87	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.19/20mm dia 2mm thick(Page No.1, Item No.1.3.1 of PWD Electrical SR 2021-22)								
	Garadi mane	1	50.00			50.00			
	Ambedkar Samudya Bhavana	1	100.00			100.00			
	Someswara Temple Samudaya Bhavana		10.00			10.00			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						160.00	m	75.00	12000.00
88	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2.mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.a)25mm dia 2 mm thick (Page No.1, Item No.1.3.2 of PWD Electrical SR 2021-22)								
	Garadi mane	1	50.00			50.00			
	Ambedkar Samudya Bhavana	1	100.00			100.00			
	Someswara Temple Samudaya Bhavana		10.00			10.00			
						160.00	m	80.00	12800.00
89	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 32mm dia 2.5mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.32mm dia 2.5 mm thick (Page No.1, Item No.1.3.3 of PWD Electrical SR 2021-22)								
	Garadi mane	2	5.00			10.00			
	Ambedkar Samudya Bhavana	2	5.00			10.00			
						20.00	m	105.00	2100.00
90	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of Group-A (Page No.3, Item No.2.3 of PWD Electrical SR 2021-22)								
	1.00 Sqm	2	25.00			50.00	m	18.00	900.00
	1.5 Sqm	4	210.00			840.00	m	26.00	21840.00
	2.5 Sqm	4	100.00			400.00	m	40.00	16000.00
	4.0 Sqm	4	70.00			280.00	m	59.00	16520.00
	10.0 Sqm	4	70.00			280.00	m	157.00	43960.00
91	Point wiring using Copper wire without switch.Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose lenght in a wood/PVC round block. complete for each outlet.(5/2.3) Using class A materials (Page No.3, Item No.2.2 of PWD Electrical SR 2021-22)								
	Short point up to 3mtrs from tapping point to out let via switch (Page No.3, Item No.2.2.1 of PWD Electrical SR 2021-22)	2	38.00			76.00	Point	251.00	19076.00
	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch (Page No.3, Item No.2.2.2 of PWD Electrical SR 2021-22)	2	38.00			76.00	Point	361.00	27436.00
	Long point a above 6mtr up to 10mtr from tapping point to out let via switch (Page No.3, Item No.2.2.3 of PWD Electrical SR 2021-22)	2	26.00			52.00	Point	542.00	28184.00

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
92	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC60898.5-32Amps DP (Page No.13, Item No.5.17 of PWD Electrical SR 2021-22)								
	6-32Amps SP	10				10.00	Each	523.00	5230.00
	6-32 Amps DP	8				8.00	Each	1103.00	8824.00
	40 Amps TPN	6				6.00	Each	2393.00	14358.00
	50-63 Amps SP	6				6.00	Each	734.00	4404.00
93	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure,III-Single Door.Group A12Way SP &N (Page No.13, Item No.5.18.4 of PWD Electrical SR 2021-22)								
	Garadi mane	10				10.00			
	Ambedkar Samudya Bhavana	10				10.00			
						20.00	Each	1591.00	31820.00
94	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc., complete: Double door: 6 way TP &N , Group (A) (Page No.13, Item No.5.18.12 of PWD Electrical SR 2021-22)								
	Garadi mane	6				6.00			
	Ambedkar Samudya Bhavana	6				6.00			
	Someswara Temple Samudaya Bhavana					2.00			
						14.00	Each	3735.00	52290.00
95	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply & completely wired on existing box. (Page No.6, Item No.3.7 of PWD Electrical SR 2021-22)								
	Garadi mane	10				10.00			
	Ambedkar Samudya Bhavana	10				10.00			
	Someswara Temple Samudaya Bhavana					2.00			
						22.00	Each	747.00	16434.00
96	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3 Way (Page No.5, Item No.3.4.1 of PWD Electrical SR 2021-22)								
	Garadi mane	60				60.00			
	Ambedkar Samudya Bhavana	60				60.00			
	Someswara Temple Samudaya Bhavana					15.00			
						135.00	Each	123.00	16605.00
97	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance). Operating voltage range from 180V to 265V, 50Hz AC power Supply. (Page No.41, Item No.12.23 of PWD Electrical SR 2021-22)								
	Garadi mane	30				30.00			
	Ambedkar Samudya Bhavana	30				30.00			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Someswara Temple Samudaya Bhavana					10.00			
						70.00	Each	300.00	21000.00
98	Supply and fixing metal fan box with round hook (Page No.2, Item No.1.12 of PWD Electrical SR 2021-22)								
	Garadi mane	12				12.00			
	Ambedkar Samudya Bhavana	12				12.00			
	Someswara Temple Samudaya Bhavana					6.00			
						30.00	Nos	163.00	4890.00
99	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.(Page No.5, Item No.3.6 of PWD Electrical SR 2021-22)								
	6Amps SP Switch	100				100.00	Each	88.00	8800.00
	6Amps 3way 5 pin socket	40				40.00	Each	162.00	6480.00
	16Amps SP Switch	20				20.00	Each	249.00	4980.00
	32Amps Flush/projected types DP	20				20.00	Each	375.00	7500.00
100	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (Page No.5, Item No.3.4 of PWD Electrical SR 2021-22)								
	1-3Way	40				40.00	Each	123.00	4920.00
	4-5Way	40				40.00	Each	138.00	5520.00
	6Way	48				48.00	Each	212.00	10176.00
	8Way	48				48.00	Each	250.00	12000.00
	10-12Way	32				32.00	Each	325.00	10400.00
	16Way	8				8.00	Each	354.00	2832.00
101	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. (Page No.5, Item No.3.5 of PWD Electrical SR 2021-22)								
	1 to 3 Module	48				48.00	Each	152.00	7296.00
	4Moudule	48				48.00	Each	175.00	8400.00
	6Moudule	48				48.00	Each	244.00	11712.00
	8Moudule	52				52.00	Each	302.00	15704.00
	10Moudule	36				36.00	Each	363.00	13068.00
	12Moudule	11				11.00	Each	403.00	4433.00
102	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.(84/9.3)56" Sweep (1400mm) Regular model (Page No.22, Item No.6.3.2 of PWD Electrical SR 2021-22)								
	Garadi mane	8				8.00			
	Ambedkar Samudya Bhavana	12				12.00			
	Someswara Temple Samudaya Bhavana					6.00			
						26.00	Each	2170.00	56420.00
103	Supplying and fixing of Electronic Ballast suitable for T8 Lamp with housing made of Pre-coated steel/PC, Operating voltage range from 180V to 265V, 50Hz AC power Supply flicker free warm start with over voltage protection, Inrush current protection, De-activated lamp protection & End of Lamp life protection with PF> 0.95 & TC(deg C) > 65 degC. Operating voltage range from 180V to 265V, 50Hz AC power Supply.(Page No.40, Item No.12.22.3 of PWD Electrical SR 2021-22)								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Garadi mane	10				10.00			
	Ambedkar Samudya Bhavana	10				10.00			
						20.00	Each	725.00	14500.00
104	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 14.7.1 On wall / ceiling / Rafter / Girders (Page No.45, Item No.13.7.1 of PWD Electrical SR 2021-22)								
	Garadi mane	10				10.00			
	Ambedkar Samudya Bhavana	20				20.00			
						30.00	Each	119.00	3570.00
								Total Construction Cost	58140642.93
								Sub Total-1	58140642.93
								18% GST for Construction Cost	10465315.73
								Towards DPR & PMC Cost including GST	1392000.00
								Sub Total -2	69997958.66
								Utility Shifting,Miscellaneous and Rounding off	2,041.34
								GRAND TOTAL	70000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2021-2022, Data rates and issue rates dated 07-07-2022 And Vol -2 CORRIGENDUM

Assistant Engineer

Asst. Executive Engineer,

Executive Engineer,
Yelahanka Division
BBMP Bangalore

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Administrative Sanction for Rs. 700.00 Lakhs
Rupees Seven Crore Only
is accorded under head P-0541
Commissioner Discretionary Grants
Registered as CE No. 44 Subject to conditions contained in enclosed memo
No. BBMP/EE/YNK-D/AS/44/2022-23 Dt. 18/01/2023

Technical Sanction Accorded For Rs. 700.00 Lakhs
Head of A/C P-0541
CER NO: 174 Dt. 31/10/2022

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ